

Installation Instructions

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PRO-UTV #E85-212-003-03-22

Kit Contents	Description	Part Number	Qty
	Front Main Spring	1200.300.0200S	2
	Front Secondary Spring	0600.300.0200S	2
	Rear Main Spring	1400.300.0400S	2
	Rear Secondary Spring	0600.300.0350S	2
	Front Crossover Ring	8001104	4
	Information Kit	EPAK	1
	Instructions	PRO.UTVINST	1

NOTES: Read All Instructions Before Beginning Installation

- Only qualified technicians experienced in the installation and removal of suspension components should perform this installation.
- Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.
- Never work on or under a vehicle unless it is properly supported.

RECOMMENDED FRONT SET-UP

1. Raise the front of the vehicle and support it with the proper safety equipment. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



Photo 1



Photo 2



Photo 3

2. Loosen and remove the hardware that secures the coilover to the upper mount and upper control arm, then, remove the coilover as shown. (See Photos 1, 2 & 3)



Photo 4



Photo 5



Photo 6

- Loosen the preload collars, then, remove the OE spring retainer and OE springs from the coilover. (See photos 4, 5 & 6) Note: The OE slider will be re-used for the installation.

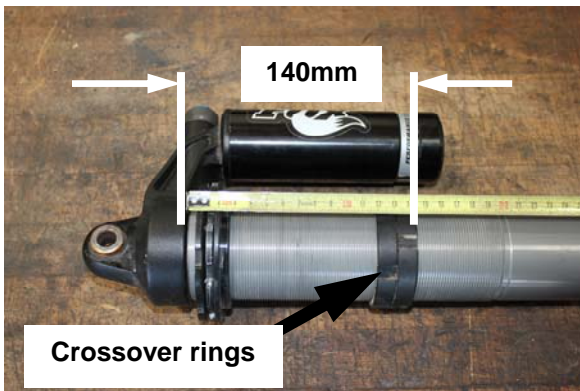


Photo 7

- Install the provided crossover rings and set the height at 140mm as shown. (See Photo 7)

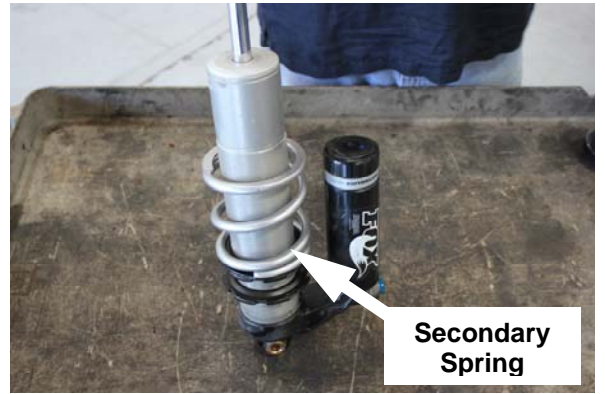


Photo 8



Photo 9



Photo 10

- With the preload collar at full low, install the secondary spring, OE slider, and main spring as shown. (See Photos 8, 9 & 10)

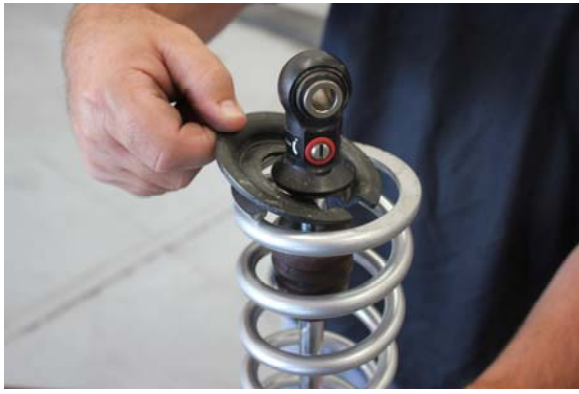


Photo 11

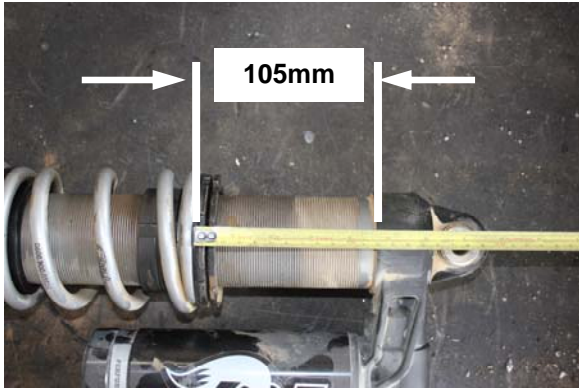


Photo 12

6. You can now reinstall the OE spring retainer, then, adjust/set the preload collars to **105mm** as shown. (See Photos 11 & 12)



Photo 13

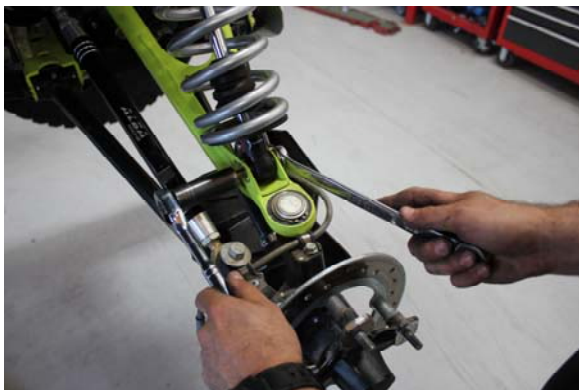


Photo 14



Photo 15

7. You can now reinstall the coilover, and secure it using the OE hardware as shown. (See Photos 13, 14 & 15)
8. Repeat the process on the opposite side, then, reinstall the front wheels, set the vehicle on the ground, and roll it back and forth, making sure it's fully settled.



Photo 16

9. Adjust the upper spring perch to adjust the ride height. The recommended preload measurement in **step 6, photo 12**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **395mm** measuring from the ground to the center line of the lower control arm bolt as shown above (See Photo 16) **Note: If running a larger overall wheel/tire combination, you may need to adjust the height accordingly.**

RECOMMENDED REAR SET-UP

1. Raise the rear of the vehicle until the wheels are off the ground and the suspension is fully unloaded. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



Photo 17



Photo 18



Photo 19

2. Loosen and remove the hardware that secures the coilover to the upper mount and lower control arm, then, remove the coilover as shown. (See Photos 17, 18 & 19)



Photo 20



Photo 21



Photo 22

3. Loosen the preload collars, then, remove the OE spring retainer and OE springs from the coilover. (See photos 20, 21 & 22) **Note: The OE slider and crossover rings will be re-used for the installation.**

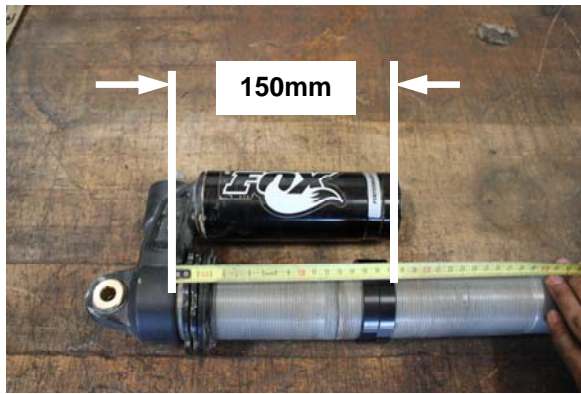


Photo 23

4. Adjust the OE crossover rings and set the height at 150mm as shown. (See Photo 23)



Photo 24



Photo 25

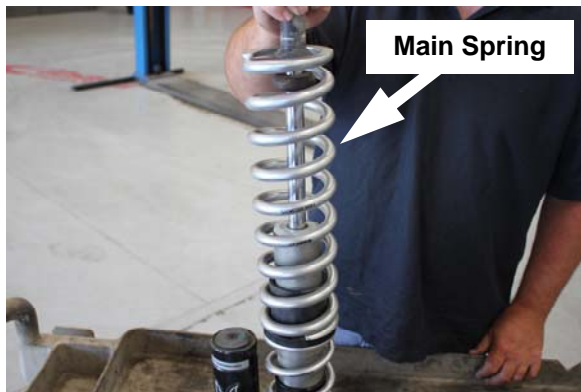


Photo 26

5. You can now install the secondary spring, OE slider, and main spring as shown. (See Photos 24, 25 & 26)



Photo 27



Photo 28

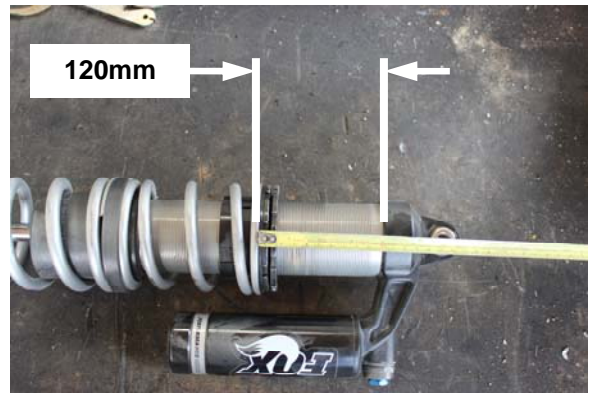


Photo 29

6. Reinstall the OE spring retainer, then, adjust/set the preload collars to 120mm as shown. (See Photos 27, 28 & 29) Note: Make sure to align the flat register on the spring retainer with the corresponding register on the lower shock mount.



Photo 30



Photo 31



Photo 32

7. You can now reinstall the coilover securing it to the upper and lower mounts using the OE hardware. (See Photos 30, 31 & 32)
8. Repeat this process on the opposite side, then, reinstall the rear wheels, set the vehicle on the ground and roll it back and forth, making sure the vehicle is fully settled.

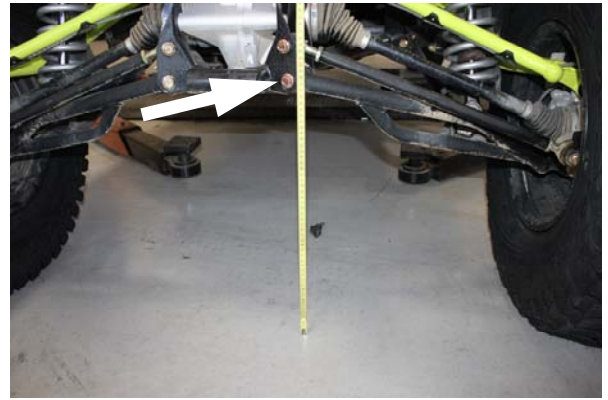


Photo 33

9. You can now adjust the upper spring perch to adjust the ride height. The recommended preload measurement in **step 6, photo 29**, will get the vehicle close to the recommended ride height, but each vehicle may vary some. We recommend setting the ride height to **428mm** measuring from the ground to the center line of the lower control arm bolt as shown (See Photo 33) **Note: If running a larger overall wheel/tire combination, you may need to adjust the height accordingly.**

RECOMMENDED FRONT AND REAR SHOCK SETTINGS

- **Front:**
 Rebound: 6 clicks out from closed
 High Comp. : 1 turn out from closed
 Low Comp. : 1.25 turns out from closed
- **Rear:**
 Rebound: 1 click out from closed
 High Comp. : 11 clicks out from closed
 Low Comp. : 7 clicks out from closed

Note: These are the recommended shock settings that we tested using the spring rates provided in this kit

Please Note: For more information about the how to tune your suspension visit the following link.
<http://eibach.com/america/en/motorsport/eibach-ero-eibach-racing-off-road-system-guide>